

WHAT IS CLAIMED IS:

1. An image display apparatus comprising:  
a substrate constituting a display panel;  
a potential introducing terminal mounted  
5 passing through said substrate, for introducing a  
potential into the display panel;  
a first conductive member surrounding said  
potential introducing terminal on a surface of said  
substrate on an inner side of the display panel; and  
10 a second conductive member surrounding said  
potential introducing terminal on a surface of said  
substrate on a side opposite to the inner side of the  
display panel,  
wherein a potential applied to said potential  
15 introducing terminal is higher than potentials  
applied to said first and second conductive members;  
and  
wherein there is further provided a charge  
suppressing structure formed between said potential  
20 introducing terminal and said second conductive  
member, said discharge suppressing structure serving  
to suppress discharge between said potential  
introducing terminal and said second conductive  
member.

25

2. An image display apparatus comprising:  
a substrate constituting a display panel;

a potential introducing terminal mounted  
passing through said substrate, for introducing a  
potential into the display panel;

a first conductive member surrounding said  
5 potential introducing terminal on a surface of said  
substrate on an inner side of the display panel; and

a second conductive member surrounding said  
potential introducing terminal on a surface of said  
substrate on a side opposite to the inner side of the  
10 display panel,

wherein a potential applied to said potential  
introducing terminal is higher than potentials  
applied to said first and second conductive members;  
and

15 wherein an exposed surface between said  
potential introducing terminal and said second  
conductive member is covered with an insulating  
substrate.

20 3. An image display apparatus comprising:  
a substrate constituting a display panel;  
a potential introducing terminal mounted  
passing through said substrate, for introducing a  
potential into the display panel;

25 a first conductive member surrounding said  
potential introducing terminal on a surface of said  
substrate on an inner side of the display panel; and

a second conductive member surrounding said potential introducing terminal on a surface of said substrate on a side opposite to the inner side of the display panel,

5            wherein a potential applied to said potential introducing terminal is higher than potentials applied to said first and second conductive members; and

          wherein there are formed projections on an  
10 exposed surface between said potential introducing terminal and said second conductive member.

4. The image display apparatus according to claim 1, wherein  $L2/V2$  is 1 mm/kV or less where  $L2$  mm  
15 is the shortest distance between said second conductive member and said potential introducing terminal and  $V2$  kV is an absolute value of a difference in potential between the potential applied to said second conductive member and the potential  
20 applied to said potential introducing terminal.

5. The image display apparatus according to claim 2, wherein  $L2/V2$  is 1 mm/kV or less where  $L2$  mm  
is the shortest distance between said second  
25 conductive member and said potential introducing terminal and  $V2$  kV is an absolute value of a difference in potential between the potential applied

to said second conductive member and the potential applied to said potential introducing terminal.

6. The image display apparatus according to  
5 claim 3, wherein  $L2/V2$  is 1 mm/kV or less where  $L2$  mm is the shortest distance between said second conductive member and said potential introducing terminal and  $V2$  kV is an absolute value of a difference in potential between the potential applied  
10 to said second conductive member and the potential applied to said potential introducing terminal.

7. The image display apparatus according to  
claim 4, wherein  $L1/V1$  is 1 mm/kV or less where  $L1$  mm  
15 is the shortest distance between said first conductive member and said potential introducing terminal and  $V1$  kV is an absolute value of a difference in potential between the potential applied to said first conductive member and the potential  
20 applied to said potential introducing terminal.

8. The image display apparatus according to  
claim 5, wherein  $L1/V1$  is 1 mm/kV or less where  $L1$  mm  
is the shortest distance between said first  
25 conductive member and said potential introducing terminal and  $V1$  kV is an absolute value of a difference in potential between the potential applied

to said first conductive member and the potential applied to said potential introducing terminal.

9. The image display apparatus according to  
5 claim 6, wherein  $L1/V1$  is 1 mm/kV or less where  $L1$  mm is the shortest distance between said first conductive member and said potential introducing terminal and  $V1$  kV is an absolute value of a  
10 difference in potential between the potential applied to said first conductive member and the potential applied to said potential introducing terminal.

10. An information display apparatus comprising:  
15 a signal input circuit to which information to be displayed is inputted; and  
the image display apparatus as recited in claim 1, said image display apparatus displaying an image in accordance with a signal inputted to said signal  
20 input circuit.

11. An information display apparatus comprising:  
a signal input circuit to which information to  
25 be displayed is inputted; and  
the image display apparatus as recited in claim 2, said image display apparatus displaying an image

in accordance with a signal inputted to said signal input circuit.

12. An information display apparatus  
5 comprising:

a signal input circuit to which information to be displayed is inputted; and

the image display apparatus as recited in claim 3, said image display apparatus displaying an image  
10 in accordance with a signal inputted to said signal input circuit.